

Glass Slide Preparation

1. Wash slides in acetone
2. Submerge in 2M HCL (must be left for at least 2 hours)
3. Prepare GOPTS solution up to 2% using ethanol, and add 2mg/ml DIPEA.
4. Submerge slides in GOPTS solution and incubate in shaking incubator at 37°C for 6 hours.
5. Incubate at 50°C for at least one hour, then wash briefly with acetone.

DNA Binding Protocol

1. Incubate slides in a humid environment for 30 minutes at room temperature, followed by 30 minutes in a 60°C humid environment.
2. Add the aminated DNA and incubate at room temperature for 30 minutes. Wash with water.